



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/925,684	08/10/2001	Toru Ebata	Q65834	4309

7590 02/13/2004

SUGHRUE, MION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Washington, DC 20037

EXAMINER

MARTINEZ, DAVID E

ART UNIT	PAPER NUMBER
----------	--------------

2182

DATE MAILED: 02/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/925,684

Applicant(s)

EBATA, TORU

Examiner

David E Martinez

Art Unit

2182

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-12 are rejected under 35 U.S.C. 102(b) as being anticipated by US Patent No. 5,991,842 to Takayama.

1. With regards to claims 1, 5 and 9, Takayama teaches a data processing apparatus that is used by being connected via a bus device to a central processing apparatus [fig 1, column 3 lines 21-27] that starts an ID process for identifying the data processing apparatus when the bus device is initialized [column 3 lines 32-38, column 5 line 563 to column 6 line 46], the apparatus comprising:

a connection-detection device for detecting whether or not said data processing apparatus is connected to said central processing apparatus via said bus device [column 5 line 56 to column 6 line 46];

a state-change detection device for detecting whether or not the processing state of said data processing apparatus changes while said data processing apparatus is connected to said central processing apparatus [fig 11, element S1, column 10 lines 57-62]; and

a bus initialization device for initializing said bus device when change in said processing state is detected [fig 11, element S2, column 10 lines 57-62].

2. With regards to claims 2, 6 and 10, Takayama teaches

change in said processing state is the mounting of a data recording medium in said data processing apparatus [Figure 11, element S1, column 10 lines 57-62, Takayama teaches the

Art Unit: 2182

change in the processing state is activation of a switch. He also discloses the equipment in the network can be a DVD connected to a PC rather than a camera (column 3 lines 21-27). The activation of a switch on a DVD drive is used for opening/closing and mounting a data recording medium into the DVD drive.]

said state-change detection device detects whether or not said recording medium is mounted in said data processing apparatus [fig 11, element S1, column 10 lines 57-62], and

said bus initialization device initializes said bus device when said recording medium is mounted in said data processing apparatus [fig 11, element S2, column 10 lines 57-62].

3. With regards to claims 3, 7 and 11, Takayama teaches said recording medium performs at least any one of the processes of:

outputting data that are recorded on said recording medium to said central processing apparatus via said bus device [when the equipment in the network can is a DVD connected to a PC rather than a camera (column 3 lines 21-27) it is inherently done. DVDs store data that was once previously recorded for the later use].

4. With regards to claims 4, 8 and 12, Takayama teaches said bus device is a serial bus complies to the IEEE 1394 standard, and said initialization is a bus reset according to the IEEE1394 standard [column 1 lines 22-35, column 3 lines 9-20, 32-38, fig 11, element S2, column 10 lines 57-62].

Response to Arguments

Applicant's arguments with respect to claims 1-12 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Art Unit: 2182

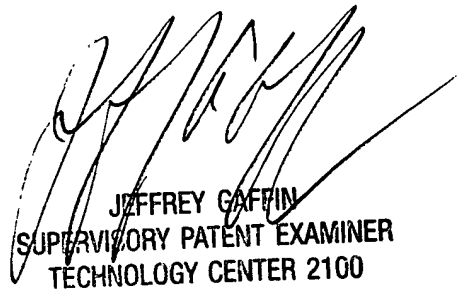
US Patent No. 6,678,464 to Kawai et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David E Martinez whose telephone number is (703) 305-4890. The examiner can normally be reached on 8:30-5:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A Gaffin can be reached on (703) 308-3301. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DEM



JEFFREY GAFFIN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100